

ALGAE FROM SANDUSKY BAY.

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During a six weeks stay at the Lake Laboratory the writer kept a careful list of all the algae found in water from Sandusky Bay and vicinity. Those not found in the Bay have the name of the locality following that of the plant. Those names not included in Dr. Kellerman's preliminary check list of Ohio Algae, in *THE NATURALIST* nor in "The Plants of Western Lake Erie" by A. J. Pieters are marked by the letter n. The nomenclature is that used in *De Toni-Sylloge Algarum*.

Chroococcaceae.

Coelosphaerium kuetszengeanum Naeg. n.

Merismopedia glauca (Ehrenb) Naeg. n.

" convoluta Breb. n.

Oscillatoriaceae.

Arthrospira jenneri (Hassel) Stiz. n.

Nostocaceae.

Aphasrizomenon flos-aquae (L) Ralfs. n.

Beggiatoaceae.

Beggiatoa alba (Vaucher) Trevisson. n.

Pleurococcaceae.

Dimorphococcus cordatus Wolle. n.

Raphidium polymorphum Fresen.

" aciculare (A Br) Rabenh. n.

" falcatum (Corda) Rabenh. n.

" convolutum (Corda) Rabenh. n.

Staurogenia cruciata Wolle. n.

Scenedesmus bijugatus (Turp) Kuetz. n.

(S. obtusus.)

" quadracauda (Turp) Breb.

" obliquus (Turp) Kuetz. n.

(S. demorphus.)

Tetraedron trigonum minus Reinsh. n.

(Polyedrium.)

" " bifurcatum Wolle. n.

" tetragonum (Naeg) Hansg. n.

" minimum (A Br) Hansg. n.

" enorme (Ralfs) Hansg. n.

Soeastraceae.

Coelastrum microporum Naeg. n.

" cambricum, Archer. n.

Sorastrum spinulosum Naeg. n.

Hydrodictyaceae.

Pedeastrum boryanum (Turp) Menegh.

“ duplex Meyen.

(*P. pertusum*.)

“ tetras (Ehrenb) Ralfs.

(*P. ehrenbergii*.)

Hydrodictyon reticulatum (L) Lagerh.

Desmidiaceae.

Closterium strigosum Breb. n.

“ lunula (Muell) Nitzsch. n.

“ cucumis Ehrenb. n.

“ acuminatum Kuetz. n.

“ leibleinii elatius Lewen.

Pleurotaenium trabecula (Ehrenb) Naeg.

(*Docidium*.)

Disphinctum notabile (Breb) Hansg. n.

(*Cosmarium*.)

Cosmarium leve septentrionalis Wille. n.

“ contractum Kirchn.

“ granatum Breb.

“ orbiculatum Ralfs.

“ margaretiferum (Turp) Menegh.

“ botrytes (Bory) Menegh.

“ portianum Archer.

“ intermedium Delp.

“ suborbiculare Wood. n.

“ coelatum Ralfs. n.

“ subcrenatum Hautzsch. n.

“ blytii Wille. n.

“ biretum florideuse Wolle. n.

“ ornatum Ralfs.

“ broomei Thwaites.

“ pardalis Cohn. n.

Euastrum elegans (Breb) Kuetz.

Staurostrum muticum depressum (Naeg) Boldt. n.

(*S. muticum minus*.)

“ aversum Lind. n.

(*S. brevispina*)

“ polymorphum Breb.

“ pentacladium Wolle. n.

“ aspinosum Wolle. n.

“ grallatorium Nordst. n.

Desmidium aptogonium (Kuetz) Lagerh.

Hyalotheca dessiliens (Smith) Breb.

Volvocaceae.

Gloeocystes gigas (Kuetz) Lagerh.

(*Protococcus.*)

Haematococcus lacustris Girod.

(*Sphaerella pluviales.*)

Spondylomorum quaternarium Ehrenb. n.

Pandorina morum (Muell) Bory.

Endorena elegans Ehrenb. n.

Volvox globator (L) Ehrenb.

Cladophoraceae.

Cladophora declinata fluitans (Kuetz) Hansg. n. Castalia.

Ulothrichaceae.

Microspora vulgaris farlowii Wolle. n. Castalia.

(*Conferva.*)

“ *fugacissima* (Roth) Rabenh. n.

Oedogoniaceae.

Bulbochaete rhadinospora Wittr. n.

Helminthocladiaceae.

Chantransia pygmaea Kuetz. Castalia.
